

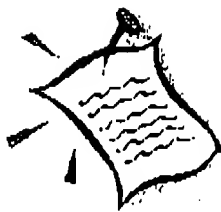
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COLLARD&amp;ROE

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## FACSIMILE TRANSMISSION

DATE: June 10, 2004

NO. OF PAGES INCLUDING COVER PAGE: 7

TO: Examiner A. Tughang  
Group: 3729

FAX NO.: (703) 872-9302

FROM: Frederick J. Dorchak  
Reg. No. 29,298RE: U.S. Serial No. 09/682,880  
Applicant: Minfeng Xu et al  
(Our Reference: 15-MG-5559 Xu et al - I)

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## MESSAGE:

Enclosed is a Response to Restriction Requirement.

Please confirm receipt by facsimile at your earliest convenience. Thank you.

Sincerely yours,  
COLLARD & ROE, P.C.Frederick J. Dorchak  
Reg. No. 29,298FJD:jc  
Enclosures

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15-MG-5559

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: MINFENG XU ET AL. - 1  
SERIAL NO: 09/682,880 EXAMINER: A. TUGBANC  
FILED: OCTOBER 29, 2001 GROUP: 3729  
TITLE: MAGNETIC HOMOGENEITY DESIGN METHOD

RESPONSE TO RESTRICTION REQUIREMENT

MAIL STOP AMENDMENT  
Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated May 13, 2004,  
Applicants respectfully respond as follows:

An Election of Species begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

R:\Patent\XXX\et al - 1\AMENDMENT - REST.wpd

Election of Species:

The Patent Examiner has required a restriction to one of the following four inventions:

Species A: directed to providing and utilizing a single correction coil to reduce lower order harmonics, in claims 1-7;

Species B: directed to providing and utilizing a plurality, or set of, correction coils to specifically reduce first and second order harmonics, in claims 8-13;

Species C: directed to repeating steps of determining the field inhomogeneity, adjusting locations of the main and bucking coils, and adjusting the currents in the correction coils, in claims 14 and 16; and

Species D: directed to a first set of repeating steps of determining the field inhomogeneity and a second set of repeating steps of determining the field inhomogeneity, and adjusting the currents in the correction coils, in claims 15 and 17.

Applicants respectfully elect, with traverse, Species A, claims 1-7, for further prosecution.

Applicants believe, however, that all claims are readable on the elected species for the reasons set forth in the Remarks.

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